AMENDMENTS TO THE SPECIFICATION

- Please amend the Cross-Reference to Related Application(s) section, which begins on page 1, line 3, as follows:

CROSS-REFERENCE TO RELATED APPLICATION(S)

This is a Divisional of co-pending application serial number 09/471,667 filed December 24, 1999, ~~This application~~which claims the benefit of U.S. Provisional Patent Application 60/164,785, filed on November 10, 1999, which is incorporated herein by reference thereto.

The present application contains subject matter related to a concurrently filed U.S. Patent Application No. 09/471,675, now U.S. Patent No.: 6,535,780 B1, by George Leland Anderson, Robert Edward Cameron, and Scott Allen Fern entitled "HIGH SPEED PROGRAMMER SYSTEM". The related application is assigned to Data I/O Corporation~~, is identified by docket number 1015-003,~~ and is hereby incorporated by reference.

The present application also contains subject matter related to a concurrently filed U.S. Patent Application No. 09/471,634, now U.S. Patent No.: 5,657,426 B1, by Bryan D. Powell, George Leland Anderson, Lev M. Bolotin, and Robin Edward Cameron entitled "PROGRAMMER". The related application is assigned to Data I/O Corporation~~, is identified by docket number 1015-008,~~ and is hereby incorporated by reference.

- Please delete the paragraph that begins on page 4, line 11 as follows:

~~The present invention provides a micro device processing system useable with a micro device using assembly system having a control system and a robotic handing system. An input feeder for providing micro devices is operatively associated with a processing system capable of processing micro devices. The input feeder and the processing system are capable of communication with the control system. The input feeder responds to communication with the control system to feed the micro devices, the processing system processes the micro devices and communicates with the control system, and the robotic handling system responds~~

~~to the control system to take the micro devices and place the micro devices on the assembly system. This provides a system which can be quickly connected to a micro device using assembly system and provide processed micro devices at high speed.~~

- Please amend the paragraph that begins on page 4, line 21 as follows:

The present invention further provides a micro device assembly system programming system useable with a micro device using assembly system having a control system and a robotic ~~handing~~ handling system. An input feeder for providing micro devices is operatively associated with a programming system capable of programming micro devices. The input feeder and the programming system are capable of communication with the control system. The input feeder responds to communication with the control system to feed the micro devices, the programming system processes the micro devices and communicates with the control system, and the robotic handling system responds to the control system to take the micro devices and place the micro devices on the assembly system. This provides a system which can be quickly connected to a micro device using assembly system and provide processed micro devices at high speed.

- Please amend the paragraph that begins on page 5, line 1 as follows:

The present invention further provides a micro device using assembly system for feeding, programming, and placing micro devices on circuit boards. A robotic ~~handing~~ handling system capable of picking up the micro devices and placing the micro devices on the circuit boards on a conveyor system. A control system controls the conveyor system and the robotic handling system. An input feeder provides micro devices in a linear row and a programming system is capable of programming a plurality of micro devices in sockets which are in line parallel with the linear row. The input feeder and the programming system are capable of communication with the control system. The input feeder responds to communication with the control system to feed the unprogrammed micro devices while the programming system positions and programs the plurality of micro devices and communicates to the control system. The robotic handling system responds to